

WEST Search History

DATE: Thursday, April 29, 2004

Hide? **Set Name Query****Hit Count***DB=PGPB,USPT; PLUR=YES; OP=ADJ*

| | | | |
|--------------------------|-----|---|--------|
| <input type="checkbox"/> | L11 | 19 and 110 | 5 |
| <input type="checkbox"/> | L10 | mesitylene | 5668 |
| <input type="checkbox"/> | L9 | 18 and aldehyde | 27 |
| <input type="checkbox"/> | L8 | 14 and 17 | 43 |
| <input type="checkbox"/> | L7 | 15 and 16 | 2275 |
| <input type="checkbox"/> | L6 | boron trifluoride or BF3 | 18305 |
| <input type="checkbox"/> | L5 | hydrogen fluoride or HF | 66175 |
| <input type="checkbox"/> | L4 | 13 and carbon monoxide | 827 |
| <input type="checkbox"/> | L3 | 11 and 12 | 1930 |
| <input type="checkbox"/> | L2 | formylat\$ or carbonylat\$ | 9657 |
| <input type="checkbox"/> | L1 | aromatic compound or aromatic hydrocarbon | 105993 |

END OF SEARCH HISTORY

d his

(FILE 'HOME' ENTERED AT 19:19:16 ON 29 APR 2004)

FILE 'CASREACT' ENTERED AT 19:19:32 ON 29 APR 2004

L1 STRUCTURE UPLOADED

L2 3 S L1

L3 94 S L1 FULL

FILE 'CAPLUS' ENTERED AT 19:20:30 ON 29 APR 2004

L4 10498 S ?AROMATIC COMPOUND OR ?AROMATIC HYDROCARBON

L5 5 S L4 AND (FORMYLAT? OR CARBONYLAT?)

L6 564 S L4 AND ?ALDEHYDE

L7 8 S L6 AND CARBON MONOXIDE

L8 7 S L6 AND (HYDROGEN FLUORIDE OR HF)

L9 2 S L8 AND (BORON TRIFLUORIDE OR BF3)

L10 94 S L3

L11 4 S L10 AND (HYDROGEN FLUORIDE OR HF)

L12 3 S L10 AND (BORON TRIFLUORIDE OR BF3)

L13 53 S L10 AND MESITYLENE

L14 0 S L13 AND MESITYL ALDEHYDE

L15 11 S L13 AND ?ALDEHYDE

L16 1 S L4 AND GATTERMANN-KOCH?

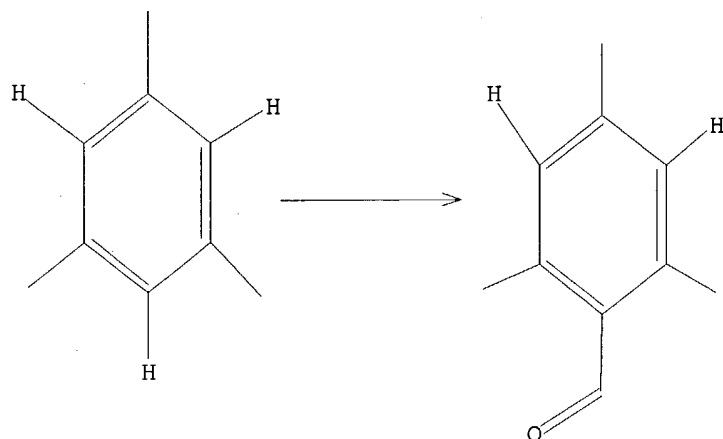
L17 1 S L3 AND GATTERMANN-KOCH?

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 19:19:53 FILE 'CASREACT'

SCREENING COMPLETE - 652 REACTIONS TO VERIFY FROM 99 DOCUMENTS

100.0% DONE 652 VERIFIED 3 HIT RXNS 3 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 11510 TO 14570

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1 (3 REACTIONS)

=> d scan

L2 3 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Formylation and acylation reactions catalyzed by trifluoromethanesulfonic acid

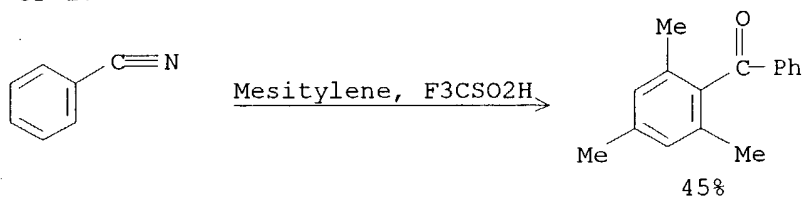
RX(3) OF 13



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 3 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

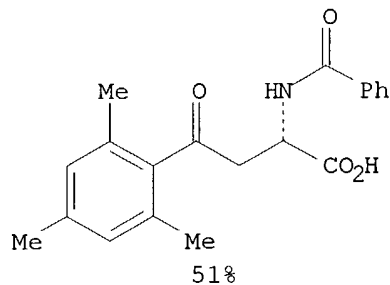
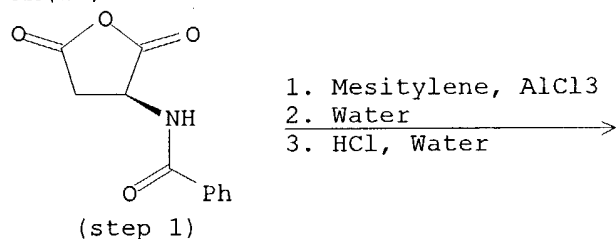
TI Triflic acid-catalyzed arylation of arenes with aromatic nitriles
RX(15) OF 17



L2 3 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI A simple approach to β -amino acids by acylation of arenes with
N-acylaspartic anhydrides

RX(10) OF 22



NOTE: regioselective

ALL ANSWERS HAVE BEEN SCANNED

=> s 11 full

FULL SEARCH INITIATED 19:20:11 FILE 'CASREACT'

SCREENING COMPLETE - 14833 REACTIONS TO VERIFY FROM 2241 DOCUMENTS

100.0% DONE 14833 VERIFIED 252 HIT RXNS

94 DOCS

SEARCH TIME: 00.00.03

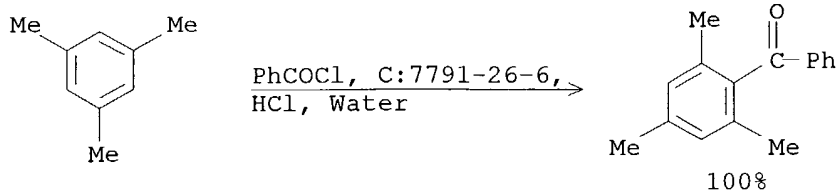
L3 94 SEA SSS FUL L1 (252 REACTIONS)

=> d scan

L3 94 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Acylation of aromatic compounds

RX(4) OF 9



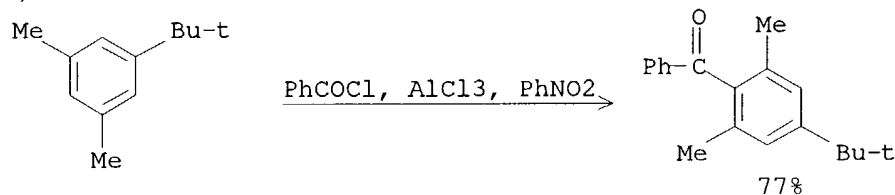
NOTE: yield depends on reaction time

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L3 94 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Kinetics of protiodeacylation of 4-substituted 2,6-dimethylbenzophenones in sulfuric acid

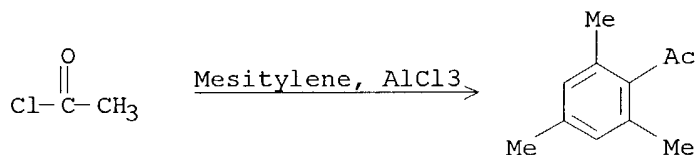
RX(1) OF 6



L3 94 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Aromatic transacylation with acylpolymethylbenzene-trifluoroacetic acid system

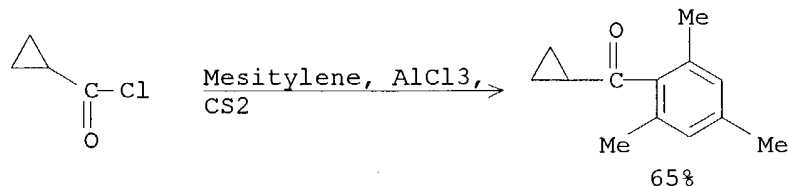
RX(11) OF 86



L3 94 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Comparison of the reactions of mesityl cyclopropyl ketone and mesityl propenyl ketone

RX(1) OF 1

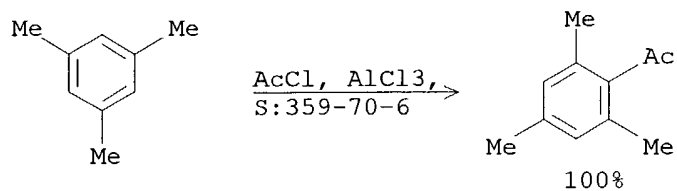


NOTE: Classification: FRIEDEL-CRAFTS ACYLATION; C-Arylation; Substitution; # Conditions: AlCl₃ CS₂; 20 deg 2h

L3 94 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Friedel-Crafts reaction in fluorous fluids

RX(4) OF 6



L3 94 ANSWERS CASREACT COPYRIGHT 2004 ACS on STN

TI Acyclic stereoselection. 46. Stereochemistry of the Michael addition of N,N-disubstituted amide and thioamide enolates to α,β -unsaturated ketones

RX(15) OF 482

